KENTUCKY SECRETARY OF STATE P.O.BOX 718 FRANKFORT, KY 40602



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Certificate of Revocation

I, Alison Lundergan Grimes, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

Advanced Energy Incorporated

did not file its 2014 annual report within sixty days after it was due. Accordingly, the Secretary of State revoked the corporation's authority to transact business in Kentucky on September 30, 2014.

IMPORTANT NOTICE

ADVANCED ENERGY INCORPORATED 4328 CATHERINE DRIVE CRESTWOOD KY 40014

Alison Lundergan Grime Secretary of State